

ABSTRACT OF THE DISCLOSURE

A surgically implantable delivery or drainage catheter assembly includes a porous fiber membrane that is permeable to the intended drainage or delivery fluid, yet has an outer surface morphology and porosity that prevents the ingrowth of tissue. The porous fiber membrane is created using a phase-inversion process which is controlled to select a desired porosity. A reinforcement member is also disposed within the porous fiber membrane.

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REINFORCEMENT MEMBER
POROUS FIBER MEMBRANE
PHASE-INVERSION PROCESS
SURGICALLY IMPLANTABLE CATHETER ASSEMBLY